

**METHOD FOR USING PARTITIONING TO PROVIDE CAPACITY ON DEMAND  
IN DATA LIBRARIES****ABSTRACT OF THE DISCLOSURE**

A method for providing data storage capacity on demand comprises disabling a set of slot elements and data transfer elements of a data library disallowing access to the disabled set by end users of the library, partitioning at least a portion of a set of active data media storage slot elements and active data transfer elements of the data library, exclusive of the disabled set, into partitions for use by the end users; and redefining the sets in response to changes in storage capacity rights of the end users.